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TION (THE SYMMETRIC CASE). [1962] 18p. 6 refs.
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DESCRIPTORS: Measurement, *Subsonic flow,
*Numerical methods and procedures, *Gas flow,
*Axially symmetric flow, *Bodies of revolution, Fluid
dynamic properties.

In this paper we are concerned with the approximate
computation of subsonic flow past a symmetric profile
and body of revolution with zero angle of incidence of
flow. Computations are carried out on the basis of a
numerical method advanced by the member of academy
(Mechanics--Aerodynamics, IT, v. 9, no. 10) (over)

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DESCRIPTORS: *Gas flow, *Subsonic flow,
Numerical analysis, Bodies of revolution, Ellipsoids,
Aerodynamics, Boundary layer.

The integral relation method of A. A. Dorodnitsin,
which consists of reducing nonlinear two-dimensional
problems to numerical integration of systems of
ordinary differential equations, are used to compute
the subsonic flow of gas past ellipses and ellipsoids
of revolution. Trial computations on the Besm com-
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DESCRIPTORS: *Blunt bodies, Conical bodies, Aerody-
namic configurations, Supersonics, *Supersonic flow,
*Tables.

- I. Chushkin, P. I.
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San Jose, Calif.

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THE GRAIN DISINTEGRATION PROCESS PTS. 1-3.
16 Feb 60, 13p.
Order from SLA \$1.60

63-14864

Trans. of die Getreidemühle (East Germany) 1957,
[v. 1] no. 7, p. 146-149.

DESCRIPTORS: *Wheat, *Cereals, Structural prop-
erties, Mechanical properties, Measurement, *Rolling
mills.

Contents:

General

The structural mechanical properties of wheat grain
Influence of the mal. measurement of the rollers.

(Agriculture, TT, v. 10, no. 5)

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[1963] 11p.
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DESCRIPTORS: *Cereals, *Wheat, *Rolling mills,
Dynamics, Surface properties.

The results of this research work permits the determi-
nation of optimal kinetic parameters for the rollers,
the advance calculation of the required disintegration
degree for each system, and the sizes of the capacity
required for the drive of the rollers. Since the
characteristics, concerning the corrugation were
determined not only for standard wheat with 56%,
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DESCRIPTORS: *Cumulus clouds, Crystallization,
Temperature, Geophysics.

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III. Associated Technical
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A Guide to the Control of Pests and Diseases of
Agricultural Plants, by V. S. Chuvakhin.

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Translated in part: Table of Contents

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DESCRIPTORS: *Clouds, Moisture.

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Problem of the Transition of Thick Cumulus Into
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